



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hiroyuki Tsunoda et al.                      Art Unit : 1644  
 Serial No. : 10/551,504    Examiner : Unknown  
 Filed : May 12, 2006    Conf. No. : 8020  
 Title : ANTI-MPL ANTIBODIES

**MAIL STOP AMENDMENT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

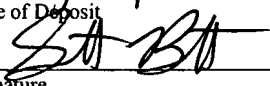
Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request. Also enclosed are English translations of an International Search Report and an International Preliminary Report on Patentability (both from PCT/JP2004/018506).

English translations of foreign language references A16-A21, A37, and A38 are not included, since they are members of the patent family of English-language references A1, A22, A7, A4, A26, A29, A9, and A11, respectively. English translations of references A41-A43 and A79 and English abstracts of references A23 and A33 are provided herewith. In addition, Applicants enclose a concise English explanation of reference A81.

Applicants wish to bring to the Examiner's attention co-pending and co-owned non-provisional application serial numbers 10/530,696 (Attorney Docket No. 14875-141US1), 10/548,727 (Attorney Docket No. 14875-150US1), 10/550,934 (Attorney Docket No. 14875-151US1), 10/582,176 (Attorney Docket No. 14875-163US1), 10/582,413 (Attorney Docket No. 14875-164US1), 10/582,304 (Attorney Docket No. 14875-166US1), 11/547,747 (Attorney

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Applicant : Hiroyuki Tsunoda et al.  
Serial No. : 10/551,504  
Filed : May 12, 2006  
Page : 2 of 2

Attorney's Docket No.: 14875-153US1 / C1-A0320Y2P-US

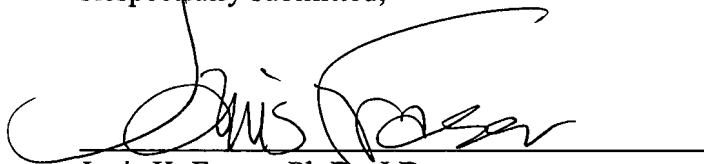
Docket No. 14875-171US1), and 10/582,654, which concern related subject matter, and some of which have overlapping inventorship with the above-referenced application. Applicants assume that the Examiner has ongoing access to the files of these related applications and can obtain copies of prosecution documents from the files if at any point in the future he/she considers it potentially relevant to issues in the present application. Applicants will supply copies of such documents from the related applications' files, should the Examiner request them.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 14875-153US1.

Respectfully submitted,

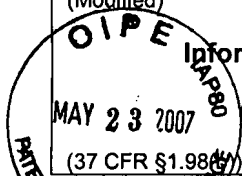
Date:

May 18, 2007



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Substitute Form PTO-1449 (Modified)  (37 CFR §1.984)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14875-153US1	Application No. 10/551,504
		Applicant Hiroyuki Tsunoda et al.	
		Filing Date May 12, 2006	Group Art Unit 1644

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	5,877,291	04/20/1995	Mezes et al.			
	A2	6,183,744	02/06/2001	Goldenberg			
	A3	6,323,000	11/07/2001	Briggs et al.			
	A4	6,342,220	01/29/2002	Adams et al.			
	A5	6,368,596	04/09/2002	Ghetie et al.			
	A6	6,683,157	01/27/2004	Briggs et al.			
	A7	2001/0006796	07/05/2001	Briggs et al.			
	A8	2002/0193571	12/19/2002	Carter et al.			
	A9	2003/0073161	04/17/2003	Briggs et al.			
	A10	2003/0148409	08/07/2003	Rossi et al.			
	A11	2004/0091475	05/13/2004	Tsuchiya et al.			
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	A13	2006/0189794	08/24/2006	Tsuchiya et al.			
	A14	2006/0275301	12/07/2006	Ozaki et al.			
	A15	2007/0003556	01/07/2007	Tsuchiya et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	A16	JP 7-503622	04/20/1995	Japan			See A1	
	A17	JP 10-505231	05/26/1998	Japan			See A22	
	A18	JP 2001-506135	05/15/2001	Japan			See A7	
	A19	JP 2001-513999	09/11/2001	Japan			See A4	
	A20	JP 2001-518930	10/16/2001	Japan			See A26	
	A21	JP 2002-544173	12/24/2002	Japan			See A29	
	A22	WO 96/04925	02/22/1996	WIPO				
	A23	WO 97/31108	08/28/1997	WIPO			English abstract	
	A24	WO 98/28331	07/02/1998	WIPO				

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14875-153US1	Application No. 10/551,504
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### Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	A25	WO 98/41641	09/24/1998	WIPO				
	A26	WO 98/42378	10/01/1998	WIPO				
	A27	WO 99/02567	01/21/1999	WIPO				
	A28	WO 99/10494	03/04/1999	WIPO				
	A29	WO 00/67795	11/16/2000	WIPO				
	A30	WO 01/64713	09/07/2001	WIPO				
	A31	WO 01/66737	09/13/2001	WIPO				
	A32	WO 01/74388	10/11/2001	WIPO				
	A33	WO 01/79494	10/25/2001	WIPO			English abstract	
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	A37	WO 02/33072	04/25/2002	WIPO			See A9	
	A38	WO 02/33073	04/25/2002	WIPO			See A11	
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	A40	WO 03/104425	12/18/2003	WIPO				
	A41	WO 2004/033499	04/22/2004	WIPO			X	
	A42	WO 2004/081048	09/23/2004	WIPO			X	
	A43	WO 2004/087763	10/14/2004	WIPO			X	

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	A44	Ballmaier et al., "c-mpl mutations are the cause of congenital amegakaryocytic thrombocytopenia," <i>Blood</i> , 97:139-146 (2001)
	A45	Brinkmann et al., "FTY720: targeting G-protein-coupled receptors for sphingosine 1-phosphate in transplantation and autoimmunity," <i>Curr. Opin. Immunol.</i> , 14:569-575 (2002)
	A46	Bruenke et al., "A recombinant bispecific single-chain Fv antibody against HLA class II and FcγRIII (CD16) triggers effective lysis of lymphoma cells," <i>Br. J. Haematol.</i> , 125:167-179 (2004)
	A47	Clark, "CD22, a B Cell-Specific Receptor, Mediates Adhesion and Signal Transduction," <i>J. Immunol.</i> , 150:4715-4718 (1993)

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	A49	Daniel et al., "Induction of Apoptosis in Human Lymphocytes by Human Anti-HLA Class I Antibodies," <i>Transplantation</i> , 75:1380-1386 (2003)
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	A51	DeNardo et al., "Anti-HLA-DR/anti-DOTA Diabody Construction in a Modular Gene Design Platform: Bispecific Antibodies for Pretargeted Radioimmunotherapy," <i>Cancer Biother. Radiopharm.</i> , 16:525-535 (2001)
	A52	Deng et al., "An Agonist Murine Monoclonal Antibody to the Human c-Mpl Receptor Stimulates Megakaryocytopoiesis," <i>Blood</i> , 92:1981-1988 (1998)
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	A61	Ghetie et al., "Homodimerization of tumor-reactive monoclonal antibodies markedly increases their ability to induce growth arrest or apoptosis of tumor cells," <i>Proc. Natl. Acad. Sci. USA</i> , 94:7509-7514 (1997)
	A62	Goel et al., " <sup>99m</sup> Tc-Labeled Divalent and Tetravalent CC49 Single-Chain Fv's: Novel Imaging Agents for Rapid In Vivo Localization of Human Colon Carcinoma," <i>J. Nucl. Med.</i> , 42:1519-1527 (2001)
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	A65	Holliger et al., "'Diabodies': Small bivalent and bispecific antibody fragments," <i>Proc. Natl. Acad. Sci. USA</i> , 90:6444-6448 (1993)

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	A66	Hu et al., "Minibody: A Novel Engineered Anti-Carcinoembryonic Antigen Antibody Fragment (Single-Chain Fv-C <sub>H</sub> 3) Which Exhibits Rapid, High-Level Targeting of Xenografts," <i>Cancer Res.</i> , 56:3055-3061 (1996)
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	A79	Nishii, "CD22 antibody therapy," <i>Current Therapy</i> , 20:47-50 (2001) (English translation included)
	A80	Ohtomo et al., "Molecular Cloning and Characterization of a Surface Antigen Preferentially Overexpressed on Multiple Myeloma Cells," <i>Biochem. Biophys. Res. Commun.</i> , 258:583-591 (1999)
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Other Documents (include Author, Title, Date, and Place of Publication)		
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	A84	Ozaki et al., "A Recombinant HLA Class I-Specific Single Chain Fv Diabody Induces Cell Death in Human Lymphoid Malignancies," <i>Blood</i> , 102:933a, Abstract No. 3474 (2003)
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	A86	Ozaki et al., "Immunotherapy of Multiple Myeloma With a Monoclonal Antibody Directed Against a Plasma Cell-Specific Antigen, HM1.24," <i>Blood</i> , 90:3179-3186 (1997)
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	A93	Smith et al., "Inhibition of T Cell Activation by a Monoclonal Antibody Reactive Against the $\alpha_3$ Domain of Human MHC Class I Molecules," <i>J. Immunol.</i> , 153:1054-1067 (1994)
	A94	Tahtis et al., "Biodistribution Properties of <sup>111</sup> Indium-labeled C-Functionalized <i>trans</i> -Cyclohexyl Diethylenetriaminepentaacetic Acid Humanized 3S193 Diabody and F(ab') <sub>2</sub> Constructs in a Breast Carcinoma Xenograft Model," <i>Clin. Cancer Res.</i> , 7:1061-1072 (2001)
	A95	Tedder et al., "CD22, a B Lymphocyte-Specific Adhesion Molecule That Regulates Antigen Receptor Signaling," <i>Annu. Rev. Immunol.</i> , 15:481-504 (1997)
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	A100	Wu et al., "Tumor localization of anti-CEA single-chain Fvs: improved targeting by non-covalent dimers," <i>Immunotechnology</i> , 2:21-36 (1996)
	A101	Xiong et al., "Efficient inhibition of human B-cell lymphoma xenografts with an anti-CD20 × anti-CD3 bispecific diabody," <i>Cancer Lett.</i> , 177:29-39 (2002)
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